

CROPS PUSHED TO EARLY MATURITY

Despite the rains received this week, crops are being pushed to early maturity, according to the Minnesota Agricultural Statistics Service. In moisture deprived areas, there are reports that soybeans are dropping leaves due to moisture stress and corn is denting too early. The areas that needed the precipitation the most did not receive a good soaking rain.

Statewide topsoil moisture conditions as of August 31st were rated 13% very short, 29% short, 54% adequate, and 4% surplus.

Corn in or past the dough stage is 90% as of Sunday, September 2nd, compared with 93% last year and 86% for the 5-year average. Corn in the dent stage or beyond is 46%, compared with 67% last year and 54% for the 5-year average. Corn is starting to mature at 3%, compared to 9% last year and 4% for the 5-year average. The corn silage harvest has begun at 9%, versus last year's 11%, and 9% for the 5-year average. Corn condition is rated 33% good to excellent, the same as last week's rating.

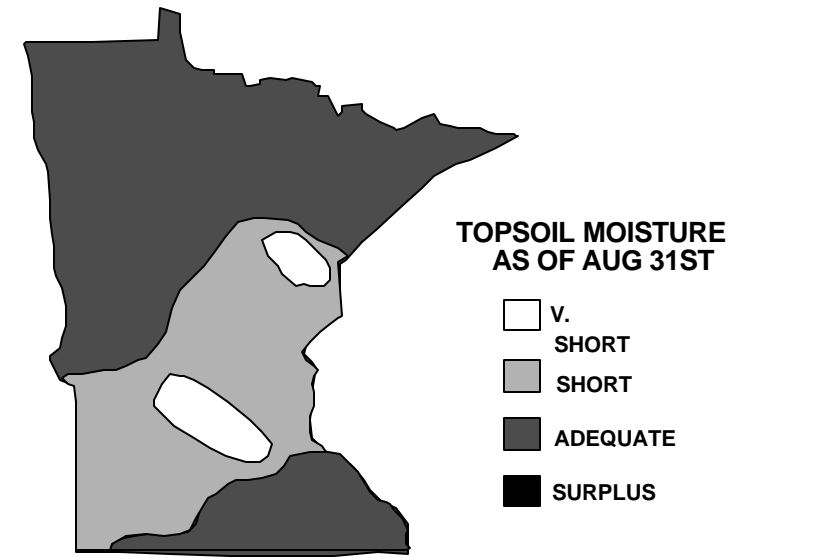
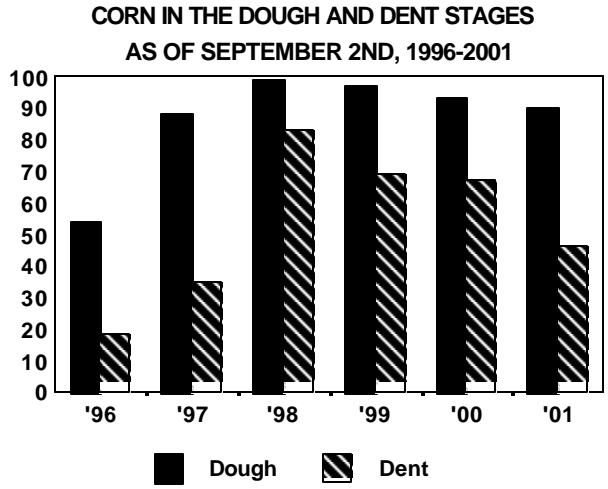
Soybeans are turning yellow on 24% of the acres, compared with last year's 45% and the 5-year average of 29%. Soybeans are beginning to drop leaves on 2% of the acreage versus 8% last year and 4% for the 5-year average. The soybean condition rating of good to excellent is 45% compared to last week's rating of 40%.

Spring wheat harvest is nearly complete at 95%, versus 94% harvested last year and 80% for the 5-year average. Harvest progress for barley is 97%.

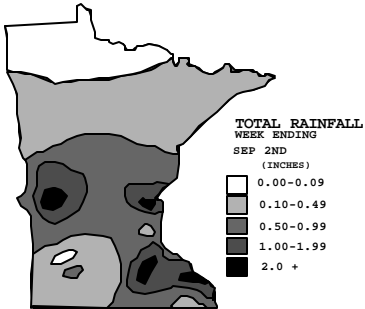
Pasture conditions are rated as 31% good to excellent, up from 28% last week. Pastures were helped by the rain this week.

Days Suitable for Fieldwork: 5.7					
		Very Short	Short	Ade-quate	Surplus
Topsoil Moisture (%)		13	29	54	4
Crop Progress as of September 2, 2001					
Crop	Stage of Development	5 Yr Avg	Last Year	Last Week	This Week
-----Percent-----					
Corn	Dough	86	93	65	90
	Dent	54	67	18	46
	Mature	4	9	NA	3
Soybeans	Turning Yellow	29	45	6	24
	Dropping Leaves	4	8	NA	2
Spring Wheat	Harvested	80	94	80	95
Barley	Harvested	84	98	88	97
Winter Wheat	Seeded (for 2002)	23	14	9	42
Rye	Seeded (for 2002)	31	41	NA	28
Sweet Corn	Harvested	69	70	62	79
Dry Beans	Harvested	12	8	NA	5
Canola	Harvested	NA	61	18	48
Potatoes	Harvested	11	9	8	10
Field Corn	Cut for Silage	9	11	NA	9
Grain/Hay	Stubble Worked	43	56	35	44
Crop Condition as of August 31 st					
	V. Poor	Poor	Fair	Good	Exc.
Pasture	13	25	31	30	1
Corn	7	17	43	31	2
Soybeans	6	16	33	41	4
Dry Beans	4	15	25	50	6
Potatoes	3	9	27	37	24
Sunflowers	1	6	29	50	14
Canola	1	10	45	40	4
Sugarbeets	9	12	30	40	9

Processors' sweet corn harvest is 79% complete, ahead of last year's 70% and the 5-year average at 69%.



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING SEPTEMBER 2, 2001:
Temperatures averaged from 1.2 degrees above normal in the Northeast District to 3.4 degrees above normal in the East Central District. Extremes: 34° in Hibbing; 90° in Canby and Pipestone. Precipitation averaged from 0.63 inch below normal in the North Central District to 0.79 inch above normal in the South Central District. Greatest weekly total was 2.65 inches.



Precipitation and Temperature Summary for 08/27/2001 through 09/02/2001

Temperature	Precipitation				G D D					
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	Four Weeks	From Norm Since 4/1	Since May 16	Depart from Norm
<u>NW DIST 1</u>										
Crookston	85	39	65.3	1.7	.11	-.53	-.11	1.64	1935	102
Moorhead	88	42	65.8	1.2	.21	-.30	.09	1.30	1998	60
Warroad	83	42	65.2	4.6	0	-.60	-.85	7.55	1766	179
<u>NC DIST 2</u>										
Grand Rapids	84	41	63.8	3.5	.16	-.65	-.36	1.20m	1643m	69m
Intl. Falls	85	36	60.8	1.3	.04	-.70	-1.15	6.22	1648	119
Itasca	83	41	63.4	2.5	.24	-.54	.90	1.12	1764	149
<u>NE DIST 3</u>										
Duluth	82	45	62.6	2.7	.37	-.58	-1.45	2.87	1547	106
Grand Marais	78	46	60.2	.6	.35	-.46	-.03	5.80	932	-189
Hibbing	82	34	59.0	.3	.21	-.58	-.54	-1.27	1575	151
<u>WC DIST 4</u>										
Alexandria	83	49	66.6	2.1	1.79	1.04	-.69	-1.95m	1965	25
Browns Valley	91	50	67.8	2.4	.10	-.44	-1.26	3.35	2053	42
Canby	90	51	70.0	3.0	.85	.26	-1.30	3.98	2174	11
Fergus Falls	87	45	66.6	2.4	1.36	.71	-.86	3.88	2080	189
Montevideo	89	51	68.9	3.3	.70	.03	-1.46	3.25	2039	-17
Morris	83	49	67.2	3.0	2.34	1.68	-.49	5.48	2040	123
<u>CENT DIST 5</u>										
Becker	85	49	66.6	3.3	.70	-.20	-1.46	.93	2068	230
Hutchinson	86	51	67.7	2.0	.20	-.54	-2.30	-.46	2135	86
Olivia	86	47	66.8	.5	.16	-.57	-2.14	-2.18	2082	-34
St. Cloud	86	48	66.1	2.9	.73	-.17	-1.95	2.01	1939	112
Staples	81	43	63.9	1.6	.88	.23	-1.01	5.83	1843	113
Willmar	84	52	67.6	2.2	.54	-.27	-1.71	-1.71	2084	71
<u>EC DIST 6</u>										
Aitkin	85	46	65.8	4.0	.65	-.18	-2.09	2.01	1817	145
Cambridge	82	52	68.5	4.7	2.65	1.77	-.25m	5.29m	1863m	-31m
MSP Airport	86	53	70.0	3.4	.68	-.08	-1.11	5.12	2248	117
St. Paul - UofM	86	50	69.5	1.6	.34	-.49	-.42	3.60	2234	32
<u>SW DIST 7</u>										
Lamberton	86	50	66.9	1.2	.68	.03	-1.06	4.93	2062	-11
Pipestone	90	47	68.4	3.5	.13	-.59	-2.17	2.74	2081	113
Redwood Falls	88	50	69.0	1.7	.01	-.64	-1.98	-2.53	2124	-69
Worthington	87	50	67.4	2.7	.22	-.74	-3.16	1.99	2096	112
<u>SC DIST 8</u>										
Faribault	83	50	66.9	1.6	2.29	1.38	-.06	4.90	2032	25
Waseca	82	50	66.6	1.6	2.48	1.55	.48	5.52	2084	106
Winnebago	84	49	67.6	2.1	.28	-.58	-2.67	1.04	2083	47
<u>SE DIST 9</u>										
Preston	85	43	67.8	3.6	.49	-.49	.14	.38	2025	144
Red Wing	85	48	66.8	3.4	.56	-.38	-1.66	-.57	2074	246
Rochester	80	44	64.8	.0	1.85	.99	1.15	8.60	1933	-4
Rosemount	85	48	67.3	2.4	1.07	.17	-1.51m	-.96m	2061	82
Winona	86	51	67.6	1.9	2.43	1.55	1.78	4.65	2087	35

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

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